

# King County DNRP Water Quality Index

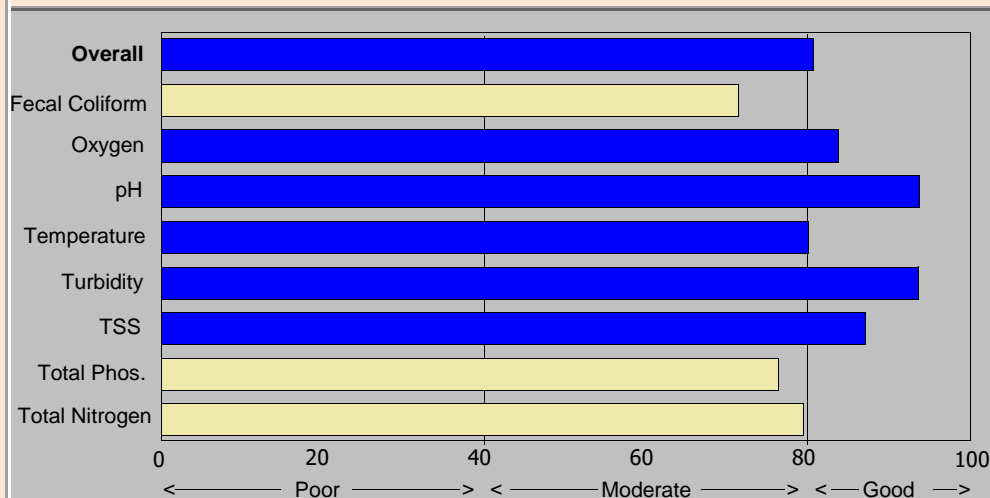
STATION **S478** WATER YEAR **2018**

**GAUGE # 30C Little Bear Creek above tributary 0083, Snohomish Coun** Overall Index **81**

King County has monitored water quality in Little Bear Creek at two stations. In 2002, King County began collecting water quality samples from station S478 at Snohomish 520 Bridge. Sampling was discontinued between 2008 and 2014 when budget cutbacks reduced the breadth of King County's water quality monitoring program. Sampling at S478 resumed in 2014. Little Bear Creek flows 7.7 miles from Snohomish County to the Sammamish River near Woodinville. The basin encompasses 10,000 acres. The creek is on the Washington State Department of Ecology's 303(d) list, Category 5, for violations of temperature and dissolved oxygen standards, and Category 4a for fecal coliform bacteria standards. Little Bear Creek is also listed for bioassessment scores that indicate that biological integrity is degraded.

## Annual Water Quality Index Scores

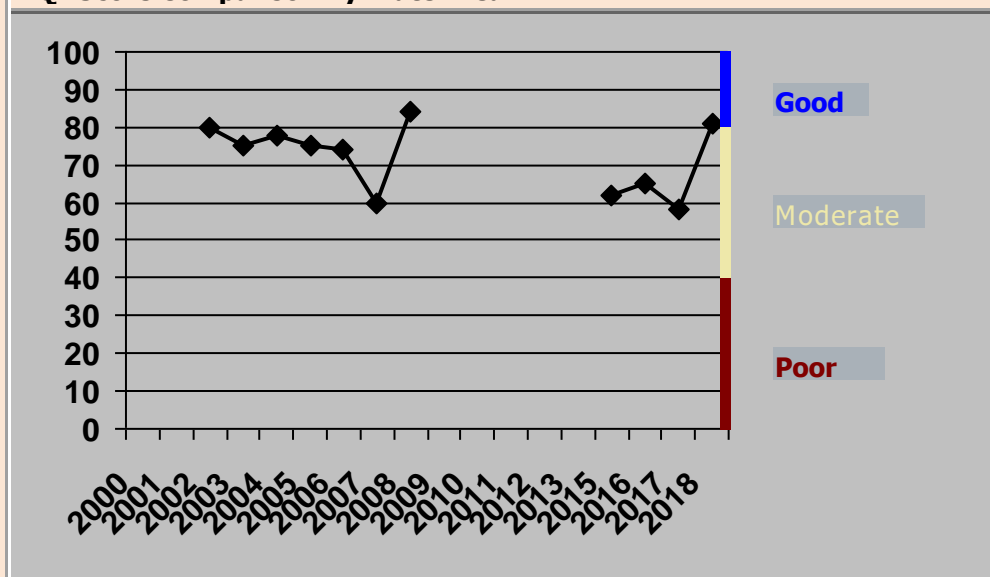
Water quality was GOOD based on data collected 10/1/2017 to 9/30/2018.



## Monthly Scores For Water Year 2018

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
97	94	97	93	95	97	87	81	94	85	77	86

## WQI Score Comparison By Water Year



## About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit <https://green2.kingcounty.gov/streamsdata/WQI.aspx>

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>